

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Alabama	Autauga	Baldwin	Barbour	Bibb	Blount	Bullock
Commercial fertilizer farms, 1997..	25 989	244	722	283	126	729	123
1992..	25 065	270	765	317	135	698	131
acres on which used, 1997..	2 290 837	29 122	82 015	36 418	7 260	35 370	15 818
1992..	2 346 150	34 392	90 938	48 331	13 805	40 690	15 254
Cropland fertilized, except pastureland farms, 1997..	14 551	155	486	185	65	305	95
1992..	16 098	162	670	254	77	391	107
acres on which used, 1997..	1 467 764	17 678	68 251	24 717	2 593	11 528	9 915
1992..	1 595 784	22 388	80 673	34 590	3 081	18 005	11 054
Pastureland and rangeland fertilized farms, 1997..	15 483	121	318	169	77	511	44
1992..	13 021	174	170	147	74	421	33
acres on which used, 1997..	823 073	11 444	13 764	11 701	4 667	23 842	5 903
1992..	750 366	12 004	10 265	13 741	10 724	22 685	4 200
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	3 769	42	280	46	—	105	8
1992..	4 614	45	342	104	—	158	38
acres on which used, 1997..	606 162	7 123	60 664	11 002	—	7 214	3 206
1992..	697 881	10 897	54 266	16 369	—	7 311	1 935
Nematodes in crops farms, 1997..	1 127	1	40	38	—	33	7
1992..	1 344	12	78	92	—	25	11
acres on which used, 1997..	211 150	(D)	12 342	4 358	—	5 098	784
1992..	164 732	1 808	8 353	12 098	—	718	749
Diseases in crops and orchards farms, 1997..	1 923	13	151	44	—	39	18
1992..	2 331	26	212	108	—	76	18
acres on which used, 1997..	233 470	336	17 635	4 835	—	1 233	1 966
1992..	221 448	1 332	18 619	12 462	—	4 102	1 028
Weeds, grass, or brush in crops and pasture farms, 1997..	8 836	74	287	129	12	244	29
1992..	8 480	70	357	170	25	221	46
acres on which used, 1997..	1 196 441	7 848	52 802	21 760	950	15 792	3 542
1992..	1 139 458	15 654	44 144	22 848	538	14 496	5 910
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1 043	10	42	30	—	10	4
1992..	1 319	32	33	11	1	33	9
acres on which used, 1997..	308 803	5 825	10 499	4 457	—	2 227	(D) 71
1992..	364 754	11 373	4 529	4 011	(D)	2 727	
Chemicals used							
Butler	Calhoun	Chambers	Cherokee	Chilton	Choctaw	Clarke	
Commercial fertilizer farms, 1997..	276	339	217	367	505	157	184
1992..	317	367	208	296	509	150	170
acres on which used, 1997..	17 954	20 271	18 928	45 034	27 439	12 031	7 945
1992..	19 874	18 400	14 235	48 050	28 214	9 439	10 678
Cropland fertilized, except pastureland farms, 1997..	168	198	140	222	290	89	118
1992..	159	201	88	206	303	91	103
acres on which used, 1997..	9 266	10 214	7 450	34 753	11 063	3 677	3 467
1992..	8 990	10 906	3 857	40 704	13 622	3 766	4 465
Pastureland and rangeland fertilized farms, 1997..	146	198	130	186	298	109	101
1992..	193	201	146	137	283	83	101
acres on which used, 1997..	8 688	10 057	11 478	10 281	16 376	8 354	4 478
1992..	10 884	7 494	10 378	7 346	14 592	5 673	6 213
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	25	43	15	76	100	4	8
1992..	36	21	19	117	107	2	1
acres on which used, 1997..	1 900	494	892	14 926	4 244	(D)	694
1992..	5 504	840	(D)	23 652	4 822	(D)	(D)
Nematodes in crops farms, 1997..	16	—	—	3	3	1	—
1992..	16	4	1	12	11	1	1
acres on which used, 1997..	809	—	—	2 148	(D)	(D)	(D)
1992..	1 550	(D)	(D)	2 596	(D)	(D)	(D)
Diseases in crops and orchards farms, 1997..	23	24	6	21	71	—	7
1992..	46	2	18	13	116	1	—
acres on which used, 1997..	569	461	300	2 756	1 424	—	26
1992..	3 094	(D)	43	2 551	2 826	(D)	—
Weeds, grass, or brush in crops and pasture farms, 1997..	86	127	50	67	166	13	23
1992..	86	127	80	160	89	15	31
acres on which used, 1997..	4 605	9 957	5 241	13 947	8 311	807	1 416
1992..	8 194	7 884	2 351	32 833	5 589	701	2 185
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	2	2	6	31	21	1	2
1992..	11	1	—	76	11	1	—
acres on which used, 1997..	(D)	(D)	48	12 671	1 417	(D)	(D)
1992..	1 273	(D)	—	20 100	607	(D)	—

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Clay	Cleburne	Coffee	Colbert	Conecuh	Coosa	Covington
Commercial fertilizer farms, 1997..	200	189	503	336	218	122	594
1992..	247	174	527	292	285	100	570
acres on which used, 1997..	11 645	8 054	59 553	47 950	17 921	5 689	49 479
1992..	16 764	10 501	53 528	51 432	21 974	6 600	46 470
Cropland fertilized, except pastureland farms, 1997..	79	112	382	181	155	54	348
1992..	92	89	425	170	192	36	424
acres on which used, 1997..	3 044	3 823	46 435	37 251	8 866	1 729	32 686
1992..	1 859	2 844	43 094	43 035	11 744	1 261	32 958
Pastureland and rangeland fertilized farms, 1997..	142	96	234	217	149	82	332
1992..	156	124	223	178	179	81	259
acres on which used, 1997..	8 601	4 231	13 118	10 699	9 055	3 960	16 793
1992..	14 905	7 657	10 434	8 397	10 230	5 339	13 512
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	26	30	201	37	15	13	80
1992..	9	7	145	66	8	18	139
acres on which used, 1997..	258	422	22 766	19 828	2 175	233	14 445
1992..	77	140	11 893	29 131	2 447	70	14 870
Nematodes in crops farms, 1997..	—	—	156	3	21	—	16
1992..	—	—	142	4	2	1	30
acres on which used, 1997..	—	—	20 363	4 582	2 924	—	2 674
1992..	—	—	15 919	4 395	(D)	(D)	3 857
Diseases in crops and orchards farms, 1997..	11	8	133	17	11	6	58
1992..	2	—	148	9	6	7	86
acres on which used, 1997..	35	47	12 636	(D)	496	30	6 060
1992..	(D)	—	12 355	7 143	754	14	9 656
Weeds, grass, or brush in crops and pasture farms, 1997..	28	118	259	79	70	25	208
1992..	34	48	249	78	95	16	215
acres on which used, 1997..	1 995	5 822	35 828	33 342	3 453	558	27 307
1992..	1 087	2 099	27 671	29 545	6 089	996	22 204
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	6	83	20	2	—	51
1992..	—	1	20	40	3	—	39
acres on which used, 1997..	—	180	15 113	19 592	(D)	—	12 138
1992..	—	(D)	2 692	27 576	900	—	6 509
Chemicals used	Crenshaw	Cullman	Dale	Dallas	De Kalb	Elmore	Escambia
Commercial fertilizer farms, 1997..	302	1 262	298	218	1 242	387	288
1992..	315	1 222	284	297	998	392	257
acres on which used, 1997..	22 148	56 267	40 630	42 756	72 393	37 171	42 766
1992..	28 574	53 276	44 525	53 785	65 167	37 407	41 911
Cropland fertilized, except pastureland farms, 1997..	192	674	204	122	625	243	204
1992..	254	717	212	191	704	252	166
acres on which used, 1997..	12 754	24 509	29 515	30 992	40 625	27 007	36 011
1992..	19 166	29 051	36 473	37 794	42 811	26 822	35 107
Pastureland and rangeland fertilized farms, 1997..	162	745	165	121	722	202	134
1992..	101	629	154	148	458	220	145
acres on which used, 1997..	9 394	31 758	11 115	11 764	31 768	10 164	6 755
1992..	9 408	24 225	8 052	15 991	22 356	10 585	6 804
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1997..	40	205	75	26	154	36	99
1992..	33	193	98	81	143	99	93
acres on which used, 1997..	5 527	5 652	11 243	14 641	7 312	11 377	26 438
1992..	4 701	8 834	12 522	15 536	10 200	18 112	25 118
Nematodes in crops farms, 1997..	47	54	43	7	11	17	53
1992..	32	49	74	7	3	18	60
acres on which used, 1997..	2 509	1 573	6 178	4 295	350	3 240	12 811
1992..	5 217	2 546	5 719	3 972	280	2 883	6 969
Diseases in crops and orchards farms, 1997..	30	50	54	11	22	29	29
1992..	21	65	65	15	34	13	27
acres on which used, 1997..	1 818	1 571	9 481	3 828	1 379	3 887	1 807
1992..	2 409	3 512	7 614	1 468	1 531	3 981	2 667
Weeds, grass, or brush in crops and pasture farms, 1997..	121	666	145	91	613	107	107
1992..	90	592	137	117	384	126	86
acres on which used, 1997..	9 644	36 413	26 034	29 389	40 343	17 810	26 397
1992..	11 692	32 115	26 472	34 682	32 828	19 849	22 508
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	9	11	19	15	—	26	49
1992..	7	15	19	34	4	53	60
acres on which used, 1997..	1 559	430	5 177	13 735	—	12 329	13 740
1992..	1 455	1 084	2 404	10 579	363	15 798	14 620

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

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Chemicals used	Etowah	Fayette	Franklin	Geneva	Greene	Hale	Henry	Houston
Commercial fertilizer farms, 1997..	563	189	509	608	157	205	227	524
1992..	445	162	421	595	149	204	296	574
acres on which used, 1997..	23 118	15 487	36 345	64 567	13 708	20 493	61 810	96 112
1992..	22 141	12 733	23 477	73 841	14 464	28 391	73 632	94 844
Cropland fertilized, except pastureland farms, 1997..	231	111	254	438	108	138	166	400
1992..	217	115	245	486	112	148	255	491
acres on which used, 1997..	10 357	7 774	10 694	54 003	6 342	11 467	51 013	84 339
1992..	10 120	8 729	11 786	60 616	8 443	18 374	63 847	82 420
Pastureland and rangeland fertilized farms, 1997..	357	123	353	265	82	109	138	275
1992..	299	71	219	233	87	95	116	235
acres on which used, 1997..	12 761	7 713	25 651	10 564	7 366	9 026	10 797	11 773
1992..	12 021	4 004	11 691	13 225	6 021	10 017	9 785	12 424
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	39	7	24	221	21	15	93	218
1992..	54	18	24	253	12	30	146	223
acres on which used, 1997..	3 699	2 858	3 773	31 127	2 746	6 210	27 846	42 401
1992..	2 452	2 920	3 537	23 846	789	3 059	37 004	32 969
Nematodes in crops farms, 1997..	3	6	1	73	5	8	31	124
1992..	3	2	—	64	7	1	119	106
acres on which used, 1997..	1 270	2 304	(D)	7 818	(D)	80	8 176	20 186
1992..	(D)	(D)	—	7 287	322	(D)	14 274	12 231
Diseases in crops and orchards farms, 1997..	18	9	15	161	4	—	73	166
1992..	16	1	31	167	—	24	116	203
acres on which used, 1997..	1 312	(D)	97	19 111	(D)	—	15 136	32 096
1992..	(D)	(D)	86	12 497	—	1 022	20 839	23 355
Weeds, grass, or brush in crops and pasture farms, 1997..	155	61	62	320	43	64	130	307
1992..	138	29	86	310	72	54	200	365
acres on which used, 1997..	8 672	5 868	5 032	44 458	4 369	8 119	47 438	68 718
1992..	11 728	5 999	8 217	35 689	3 074	14 854	50 409	57 681
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	3	6	2	87	1	1	32	91
1992..	7	5	3	60	9	5	33	22
acres on which used, 1997..	1 882	2 196	(D)	15 826	(D)	(D)	12 928	17 263
1992..	2 199	1 370	1 020	4 722	362	1 695	5 020	3 043
Chemicals used	Jackson	Jefferson	Lamar	Lauderdale	Lawrence	Lee	Limestone	Lowndes
Commercial fertilizer farms, 1997..	908	210	305	872	801	188	722	133
1992..	822	241	243	677	608	281	664	165
acres on which used, 1997..	64 849	7 773	16 470	77 618	84 416	10 309	115 239	26 328
1992..	75 992	5 459	15 469	73 336	74 610	15 162	98 393	33 220
Cropland fertilized, except pastureland farms, 1997..	529	132	185	403	353	84	364	58
1992..	558	117	148	392	344	142	431	105
acres on which used, 1997..	48 474	3 061	7 986	47 591	57 237	3 625	91 919	15 517
1992..	59 241	2 708	7 465	47 736	57 236	8 436	80 258	22 902
Pastureland and rangeland fertilized farms, 1997..	486	120	188	612	566	132	436	88
1992..	404	149	167	433	337	170	321	78
acres on which used, 1997..	16 375	4 712	8 484	30 027	27 179	6 684	23 320	10 811
1992..	16 751	2 751	8 004	25 600	17 374	6 726	18 135	10 318
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	129	20	26	69	41	39	113	4
1992..	75	20	2	83	77	57	146	24
acres on which used, 1997..	8 771	111	73	13 736	24 483	658	45 853	7 028
1992..	11 781	395	(D)	22 554	39 177	4 569	56 939	13 528
Nematodes in crops farms, 1997..	20	1	1	16	13	13	19	2
1992..	12	—	1	6	6	4	32	—
acres on which used, 1997..	2 053	(D)	(D)	5 248	11 418	13	8 864	(D)
1992..	1 263	—	(D)	2 372	6 201	(D)	5 002	—
Diseases in crops and orchards farms, 1997..	43	—	12	26	22	15	28	3
1992..	24	3	—	10	45	21	50	7
acres on which used, 1997..	5 622	—	132	4 911	9 193	40	15 286	(D)
1992..	2 388	(D)	—	3 296	13 997	98	5 338	4 550
Weeds, grass, or brush in crops and pasture farms, 1997..	280	54	85	213	184	48	253	43
1992..	207	31	88	137	142	70	189	39
acres on which used, 1997..	39 993	1 022	5 154	34 022	52 739	3 030	82 776	14 246
1992..	50 822	1 876	6 834	29 848	47 917	6 225	55 874	14 766
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	21	7	1	22	23	1	47	3
1992..	12	—	2	66	88	26	89	4
acres on which used, 1997..	3 366	7	(D)	12 796	17 216	(D)	19 051	940
1992..	979	—	(D)	21 961	38 561	3 067	46 805	(D)

Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text.]

Chemicals used	Macon	Madison	Marengo	Marion	Marshall	Mobile	Monroe	Montgomery
Commercial fertilizer farms, 1997..	148	619	280	439	970	547	293	268
1992..	241	654	243	426	844	554	298	297
acres on which used, 1997..	15 334	112 677	27 931	24 919	36 889	33 875	41 149	33 949
1992..	22 148	119 598	22 532	28 917	40 866	38 177	37 667	42 297
Cropland fertilized, except pastureland farms, 1997..	90	387	107	196	416	358	192	110
1992..	155	498	162	290	468	423	229	167
acres on which used, 1997..	9 509	95 815	10 252	9 502	16 636	24 022	32 056	12 445
1992..	14 062	97 001	12 375	17 106	21 208	27 569	29 256	14 533
Pastureland and rangeland fertilized farms, 1997..	88	350	208	327	661	221	178	195
1992..	119	307	120	244	494	174	148	180
acres on which used, 1997..	5 825	16 862	17 679	15 417	20 253	9 853	9 093	21 504
1992..	8 086	22 597	10 157	11 811	19 658	10 608	8 411	27 764
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	25	69	3	15	101	131	79	7
1992..	48	180	40	41	86	224	121	13
acres on which used, 1997..	4 444	38 556	(D)	336	2 004	8 586	21 906	1 547
1992..	8 391	49 980	5 092	2 628	1 190	16 156	22 143	1 456
Nematodes in crops farms, 1997..	2	13	—	—	—	11	48	1
1992..	2	24	10	11	1	19	25	—
acres on which used, 1997..	(D)	4 814	—	—	(D)	1 288	14 552	(D)
1992..	(D)	2 960	460	(D)	(D)	1 799	2 828	—
Diseases in crops and orchards farms, 1997..	3	28	10	—	29	100	27	4
1992..	21	22	17	34	21	128	23	7
acres on which used, 1997..	(D)	10 821	950	—	289	3 055	4 485	625
1992..	2 622	2 960	1 569	437	223	4 839	1 815	935
Weeds, grass, or brush in crops and pasture farms, 1997..	39	207	24	114	385	143	136	72
1992..	70	244	68	126	341	188	113	56
acres on which used, 1997..	7 430	67 349	5 476	8 416	19 923	13 811	28 556	8 759
1992..	11 791	64 010	11 139	10 036	22 338	14 146	16 320	10 434
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	6	24	2	—	2	14	42	2
1992..	35	81	12	2	22	(D)	36	3
acres on which used, 1997..	3 586	8 625	(D)	—	260	10 473	18 653	(D)
1992..	6 687	35 540	3 820	(D)	(D)	6 119	14 892	(D)
Chemicals used								
Commercial fertilizer farms, 1997..	833	200	227	385	376	151	366	226
1992..	741	210	225	440	384	156	369	227
acres on which used, 1997..	51 168	23 065	17 002	42 075	23 409	19 418	15 123	17 979
1992..	49 696	29 344	19 876	44 755	16 002	17 396	14 679	15 177
Cropland fertilized, except pastureland farms, 1997..	419	136	129	265	158	75	168	128
1992..	376	132	158	356	158	102	192	134
acres on which used, 1997..	26 718	10 824	9 722	29 698	5 081	12 706	6 841	10 944
1992..	29 419	16 908	15 494	31 458	2 932	11 536	5 980	10 434
Pastureland and rangeland fertilized farms, 1997..	556	107	115	225	274	89	251	128
1992..	436	124	89	222	245	92	238	98
acres on which used, 1997..	24 450	12 241	7 280	12 377	18 328	6 712	8 282	7 035
1992..	20 277	12 436	4 382	13 297	13 070	5 860	8 699	4 743
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	33	19	20	60	42	16	38	35
1992..	38	12	31	81	33	28	39	38
acres on which used, 1997..	3 382	5 523	1 982	12 876	1 083	(D)	2 571	3 080
1992..	7 712	4 506	5 012	11 566	213	4 429	1 383	4 103
Nematodes in crops farms, 1997..	2	1	1	61	21	3	10	13
1992..	4	—	(D)	(D)	14 720	606	16	2
acres on which used, 1997..	(D)	—	—	14 617	14	348	532	2 055
1992..	(D)	—	(D)	(D)	(D)	831	831	(D)
Diseases in crops and orchards farms, 1997..	25	21	10	40	15	5	30	25
1992..	15	2	1	51	8	14	18	7
acres on which used, 1997..	1 158	1 502	835	6 511	433	(D)	1 316	1 730
1992..	(D)	(D)	(D)	7 699	8	629	644	1 447
Weeds, grass, or brush in crops and pasture farms, 1997..	241	70	47	130	142	46	94	66
1992..	197	42	50	188	77	84	86	52
acres on which used, 1997..	23 917	22 072	8 177	23 641	7 700	9 723	4 218	8 225
1992..	25 936	11 696	13 953	20 285	3 649	9 805	2 818	5 543
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	4	9	2	45	—	1	—	15
1992..	18	—	7	21	1	16	1	24
acres on which used, 1997..	2 504	(D)	4 529	9 990	—	(D)	2 535	3 563
1992..	3 598	—	2 596	2 596	(D)	(D)	2 535	4 197

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Chemicals used	Sumter	Talladega	Tallapoosa	Tuscaloosa	Walker	Washington	Wilcox	Winston
Commercial fertilizer								
farms, 1997..	186	304	210	335	265	319	142	348
1992..	226	347	151	274	246	261	117	294
acres on which used, 1997..	24 094	33 588	13 471	22 466	7 547	20 389	17 817	10 834
1992..	17 136	32 075	9 514	20 405	7 502	11 223	19 445	10 345
Cropland fertilized, except pastureland	farms, 1997..	123	210	95	189	139	221	76
1992..	154	206	83	161	100	161	63	119
acres on which used, 1997..	11 451	26 709	3 552	16 810	2 884	9 954	10 462	1 953
1992..	8 151	20 458	5 043	14 560	2 087	6 046	9 000	2 731
Pastureland and rangeland fertilized.....	farms, 1997..	108	133	123	198	160	213	71
1992..	84	197	90	153	160	122	61	263
acres on which used, 1997..	12 643	6 879	9 919	5 656	4 663	10 435	7 355	192
1992..	8 985	11 617	4 471	5 845	5 415	5 177	10 445	8 881
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997..	20	46	13	45	18	19	10
1992..	11	24	13	44	22	29	35	37
acres on which used, 1997..	257	5 930	616	3 696	407	2 467	2 036	17
1992..	250	1 585	2 876	6 197	488	1 282	3 336	79
Nematodes in crops	farms, 1997..	—	1	—	23	—	1	—
1992..	1	1	1	2	2	8	17	9
acres on which used, 1997..	(D)	(D)	(D)	1 683	(D)	(D)	(D)	6
Diseases in crops and orchards.....	farms, 1997..	—	14	—	24	8	1	7
1992..	4	14	3	23	2	26	12	16
acres on which used, 1997..	—	1 077	—	1 262	(D)	(D)	457	6
1992..	291	1 012	(D)	890	(D)	1 297	192	97
Weeds, grass, or brush in crops and pasture	farms, 1997..	57	115	55	77	87	62	39
1992..	30	88	37	72	65	109	67	142
acres on which used, 1997..	4 981	20 666	4 483	11 273	2 038	5 365	7 664	129
1992..	5 343	11 776	2 202	10 031	1 691	3 907	9 310	5 609
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997..	1	3	7	30	1	12	10
1992..	—	2	2	13	1	1	4	11
acres on which used, 1997..	(D)	(D)	445	3 524	(D)	(D)	(D)	6
1992..	—	(D)	(D)	5 462	(D)	(D)	2 042	5 322
								155
								12